How to change engine oil and filter on **NISSAN X-Trail (T31)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
NISSAN X-Trail (T31) 2.0, NISSAN X-Trail (T31) 2.5 4x4, NISSAN X-Trail (T31) 2.0 FWD, NISSAN X-Trail (T31) 2.5

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: NISSAN Qashqai / Qashqai+2 I (J10, NJ10) 1.6

REPLACEMENT: ENGINE OIL AND FILTER – NISSAN X-TRAIL (T31). TOOLS YOU'LL NEED:



- Impact socket №19
- Impact socket №10
- Combination spanner №19
- Oil filter cup socket 65/67-14f
- Torque wrench
- Oil drain pan
- Funnel
- Flat screwdriver

Buy tools

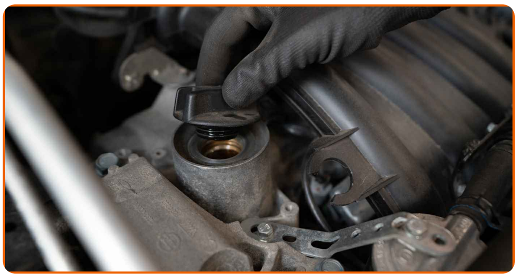
Replacement: engine oil and filter – NISSAN X-Trail (T31). AUTODOC experts recommend:

- Replace the oil filter every time when changing motor oil.
- All work should be done with the engine stopped.
- Wear gloves to prevent contact with hot liquid.

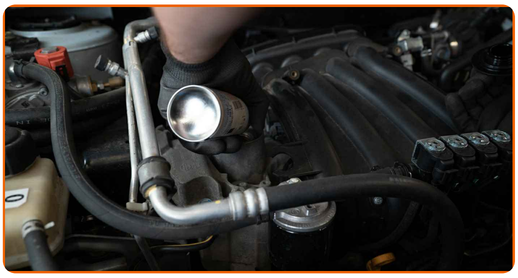
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the hood.

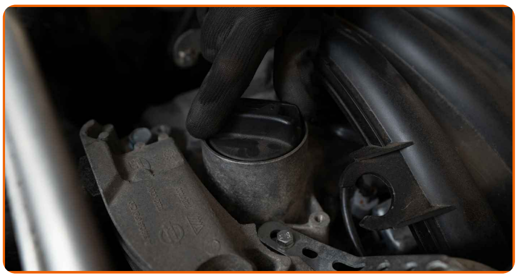
2 Remove the oil filler cap.



3 Pour the engine flush in.



4 Install the oil filler cap.



5 Start the engine, let it run for 15 minutes, and then stop it.

6 Lift the car using a jack or place it over an inspection pit.

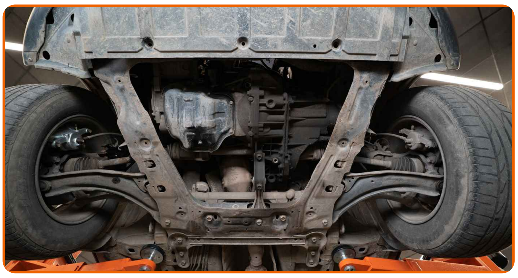
AUTODOC recommends:

- The vehicle must be on even keel, and if it is at an angle, the drain plug must be at the lowest point.

7 Undo the fasteners of the oil pan lower cover.

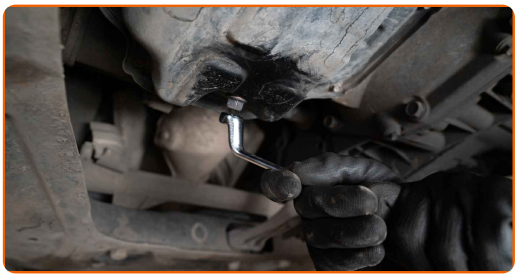


8 Remove the oil pan cover. Use a drive socket #10. Use a flat screwdriver.

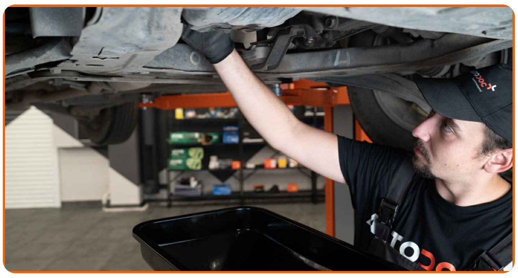


9 Put a waste oil container with at least 5 l capacity under the drainage hole.

10 Unscrew the drain plug. Use a drive socket no.19 Or ring spanner no.19.



11 Drain the used oil.



Replacement: engine oil and filter – NISSAN X-Trail (T31). Professionals recommend:

- Caution! The oil may be hot.
- Wait until the oil has completely drained from the drainage hole.

12 Move the container under the oil filter.

13 Unscrew the oil filter. Use the 65/67-14f socket.



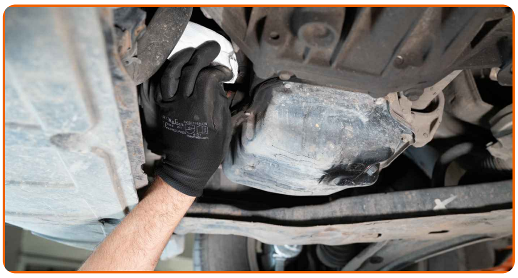
14 Remove the oil filter. Prepare a container for the old oil filter. Put the old oil filter in the container.



AUTODOC recommends:

- Move up the container. The oil starts to drain out of the drainage hole immediately after you have removed the oil filter.

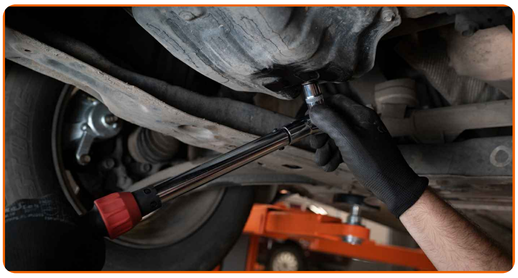
15 Clean the oil filter seat.



16 Clean the area of the oil pan drainage hole.



17 Screw in the new drainage plug and tighten it. Use a torque wrench. Tighten it to 34 nm torque.



18 Lubricate the rubber seal of the new filter with a little amount of fresh oil.



19

Screw the new filter into its place. Tighten it to 18 nm torque. Use a torque wrench. Use the 65/67-14f socket.



20

Reinstall the oil pan lower cover.



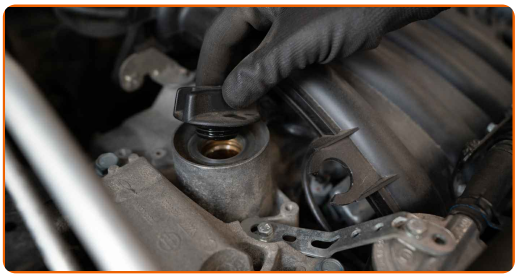
21

Tighten the fasteners of the oil pan lower cover.



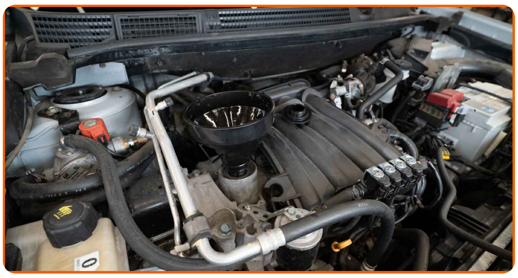
22

Unscrew the oil filler plug.

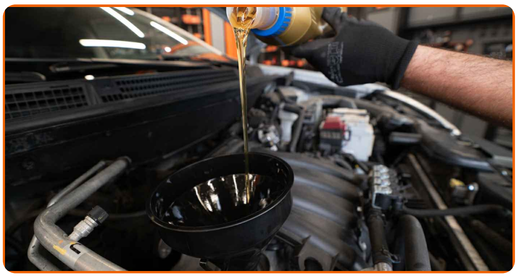


23

Insert the funnel.



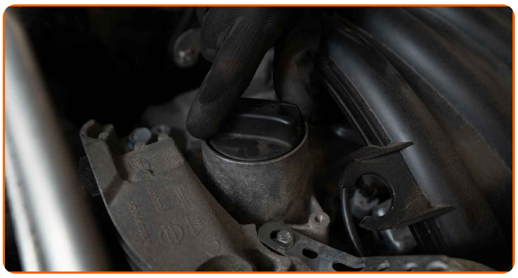
24 Pour new oil into the engine in the amount recommended by the car manufacturer.



Replacement: engine oil and filter – NISSAN X-Trail (T31). Tip:

- Use the oil recommended by the manufacturer.

25 Tighten the oil filler cap. Check the oil level using the dipstick. Top up oil if necessary.



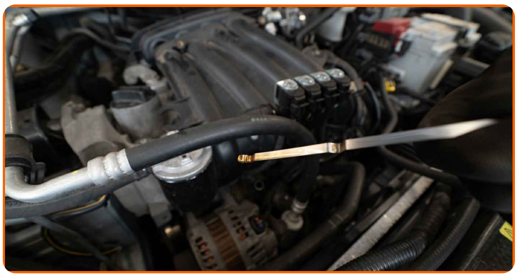
AUTODOC recommends:

- The oil level should be between the min and max marks.

26 Run the engine for a few minutes. After the oil pressure warning light goes out, stop the engine.

27

Check the oil level 5 minutes after the stop of the engine operation using a dipstick and add oil if necessary.



AUTODOC recommends:

- The oil level should be between the min and max marks.
- Make sure that the oil filler cap is properly tightened.
- Check the threaded plug of the drainage hole and the oil filter seal for tightness. If necessary, carefully tighten them up.

28

Close the hood.

Replacement: engine oil and filter – NISSAN X-Trail (T31). AUTODOC recommends:

- Note that oil pressure warning light, which indicates insufficient pressure in the lubrication system, may be on for a longer time than usual. After a few seconds, the oil will fill all the channels, and the light will go out.
- To protect the environment from pollution, be sure to dispose of the used filters at special collection points.

WELL DONE!

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